

Annual Report
NATURE CLUB
Year : 2023-24

A Quality Assurance Venture of the IQAC
Baselius College, Kottayam

Certificate Page

This is to certify that the following is a bonafide record of activities and achievements of Nature club for the academic year 2023-24. Necessary supporting documents have been attached wherever possible.

Uma Surendran

Teacher-in-charge

Verified

IQAC Co-ordinator.

Counter-Signed by

PRINCIPAL

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Talks/Lectures/Workshops Organised/Conducted

Summary:

Sl. No.	Title of the Programme	Name of the Resource Person	No. of participants	Links available if any
1.	Talk: Kaadum Manushyanum Plasticum	Sri. N.A. Naseer	77	
2.	One day workshop on Bird Monitoring and Data Collection	Sri. Hari Mavelikara	39	

REPORT ON ENVIRONMENT DAY OBSERVANCE: TALK ON ‘KADUM MANUSHYANUM PLASTICUM’

On June 6, 2023, in observance of Environment Day, the Nature Club and the Zoology Department jointly organized an insightful talk on the topic ‘Kadum Manushyanum Plasticum’. The keynote speaker for this event was Shri. N.A. Naseer, a renowned wildlife photographer, nature conservation activist, and writer. The session aimed to foster a deep appreciation and interest in nature and forests among the students, aligning perfectly with the goals of Environment Day celebrations.

Objectives

The primary objective of the talk was to:

1. Instill a keen interest in nature and forest conservation among students.
2. Highlight the impact of plastic pollution on wildlife and natural habitats.
3. Inspire students through the experiences and works of Shri. N.A. Naseer.

Keynote Speaker: Shri. N.A. Naseer

Shri. N.A. Naseer is celebrated for his contributions to wildlife photography and conservation. His work has not only captured the beauty of the natural world but has also played a significant role in raising awareness about environmental conservation.

Event Highlights

Shri. Naseer began by sharing his passionate journey as a wildlife photographer and nature conservationist. His storytelling captivated the audience as he recounted his experiences in the wilderness.

The highlight of the session was the presentation of his photographs. These images vividly portrayed the beauty and intricacies of wildlife, allowing participants to explore the world of wild animals and pristine landscapes through his lens.

The students were highly engaged, actively participating by asking questions and sharing their thoughts. This interaction provided a platform for an enriching exchange of ideas and experiences.

Participation

A total of 77 students attended the session. Their active involvement and enthusiasm were evident throughout the event, as they eagerly interacted with Shri. Naseer and expressed a genuine interest in the topics discussed.

Impact

The talk was remarkably impressive and achieved its objective of sparking a keen interest in nature and conservation among the students. The vivid photographic presentation and the inspiring journey of Shri. Naseer left a lasting impact, motivating students to think more deeply about their role in preserving the environment.


Conclusion

The Environment Day observance event was a significant success. The collaboration between the Nature Club and the Zoology Department, along with the expertise of Shri. N.A. Naseer, created an inspiring and educational experience for the students. The talk not

only celebrated the environment but also empowered students to become active participants in nature conservation efforts.

DEPARTMENT OF ZOOLOGY
BASELIUS COLLEGE, KOTTAYAM
 Re-accredited with A++ grade 3.51 CGPA (NAAC 4th cycle)
 (IN ASSOCIATION WITH IQAC AND NATURE CLUB)

OBSERVING
WORLD ENVIRONMENT DAY
 AND
ASSOCIATION INAGURATION
 6th JUNE 2023
 10 AM
 Mrs. Mamman Mappilla Hall



"കാടും മനുഷ്യനും പ്ലാസ്റ്റിക്"

Sri. N. A. Naseer
 Nature Conservation Activist
 Wildlife Photographer
 Author

Dr. Biju Thomas
 Principal, Baselius college, Kottayam

Dr. Rajitha V.
 HOD, Zoology
 Association in charge

Ms. Uma Surendran
 Nature Club, Convener

Beat Plastic Pollution



More than 400 million tonnes of plastic is produced every year, half of which is designed to be used only once. Less than 10 per cent is recycled.

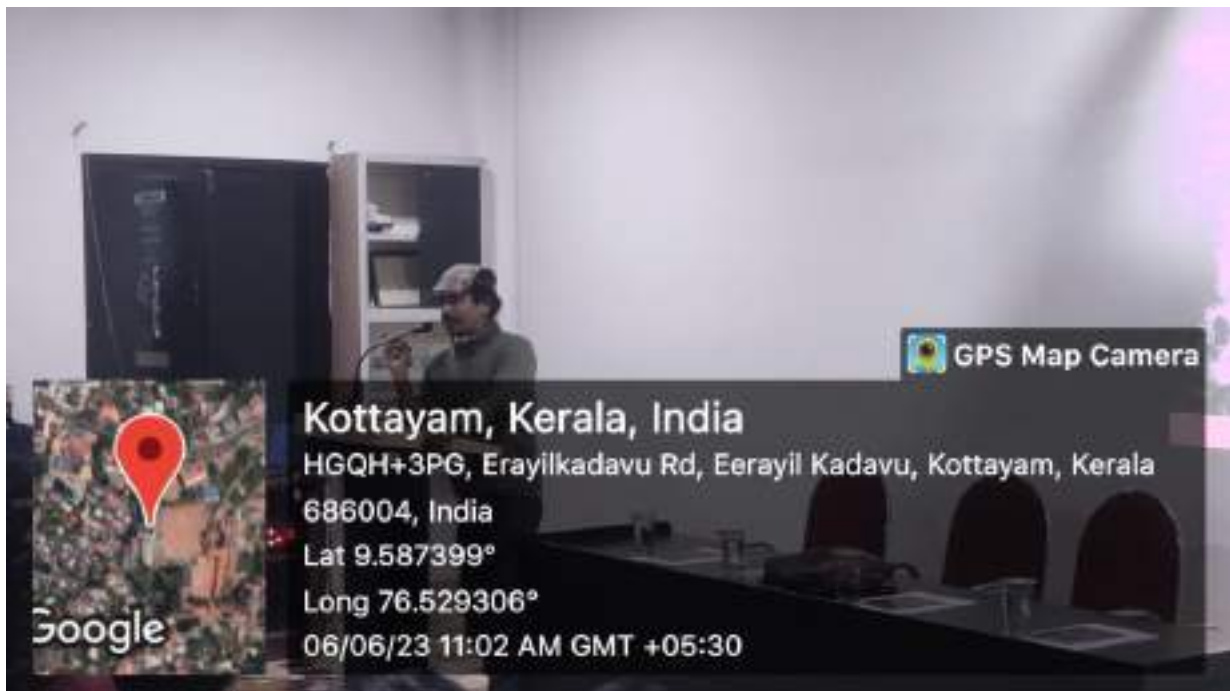
With available science and technology, governments, companies and other stakeholders must scale up and take speed action to solve this crisis.

Let's Join millions around the world to #beatplasticpollution




Organizing committee

Dr. Rajitha V. (HOD, Zoology)
 Ms. Sunny Mary Benjamin
 Ms. Uma Surendran (Nature Club, Convener)
 Dr. Anil M. Thomas
 Ashwin Thampi (Association Secretary)
 Krupa Sabu (Association Treasurer)



GPS Map Camera

Kottayam, Kerala, India
 HGQH+3PG, Erayilkadavu Rd, Erayil Kadavu, Kottayam, Kerala
 686004, India
 Lat 9.587399°
 Long 76.529306°
 06/06/23 11:02 AM GMT +05:30



Google

**WORLD ENVIRONMENT DAY AND
ASSOCIATION INAUGURATION**

6th June 2022, 10:00 AM

Venue: Muz. Mammam Kappilla Hall

Key note Address: Sri. A.A. Nasser
(Nature conservation Activist, wildlife
photographer, Author).

Sl. No	Name	Dist	Remarks
1	Megha S. Kothala	Co. Kollam	
2	Harish Chacko	Co. Kollam	
3	Aranya Aravind	Co. Kollam	
4	Megha S.	Co. Kollam	
5	Shreyansh Rajan	Co. Kollam	
6	Abhishek S.	Co. Kollam	
7	Harish S.	Co. Kollam	
8	Harish S.	Co. Kollam	
9	Maha Mohan	Co. Kollam	
10	Harish S.	Co. Kollam	
11	Aranya Aravind	Co. Kollam	
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REPORT ON ONE-DAY WORKSHOP ON BIRD MONITORING AND DATA COLLECTION

On February 13, 2024, the Department of Zoology, in collaboration with the Nature Club, organized an enriching one-day workshop on Bird Monitoring and Data Collection. Mr. Hari Mavelikara, a noted bird watcher, environmental activist, and coordinator of Pathanamthitta Birders, served as the chief resource person for this session. The workshop aimed to equip students with essential skills for bird monitoring and data collection, enhancing their understanding and appreciation of avian diversity.

Objectives

The primary objectives of the workshop were to:

1. Educate students on bird identification and monitoring techniques.
2. Highlight the importance of citizen science in avian data collection.
3. Provide hands-on experience in bird watching and data recording.

Sessions Overview

The workshop comprised three comprehensive sessions, each designed to cater to different aspects of bird monitoring and data collection.

Session 1: Feathered Friends of Our Ecosystem

The first session, titled 'Feathered Friends of Our Ecosystem,' focused on bird watching and avian diversity. Mr. Hari Mavelikara provided a detailed guide for beginners on bird identification, emphasizing:

- Identifying birds by their color, shape, flying patterns, and calls.
- Understanding the characteristic behavior patterns of birds.
- Exploring the peculiarities of bird nests and migration patterns.

He utilized pictures and audio recordings to make the session interactive and informative, greatly benefiting those new to bird watching.

Session 2: Bird Monitoring and Citizen Science

The second session addressed the significance of bird monitoring and the role of citizen science. Key topics included:

- The Great Backyard Bird Count (GBBC) and Campus Bird Count (CBC).
- The use of eBird, an online database for bird observations.

Mr. Hari Mavelikara explained how students could create an eBird account and submit their observations, stressing the importance of contributing to scientific data and the privilege of participating in citizen science initiatives. This session was particularly timely, preparing students for the upcoming GBBC and CBC events.

Session 3: Field Visit to Erayilkadavu

The final session was a practical field visit to Erayilkadavu, a nearby wetland, held at 4 pm. For two hours, students engaged in bird watching under Mr. Mavelikara's guidance, equipped with binoculars and cameras. The students enthusiastically participated and successfully identified 38 bird species, including several rare migratory species. This hands-on experience was invaluable, allowing students to apply their newly acquired skills in a real-world setting.

Participation

A total of 39 students participated in the workshop. Their active engagement and enthusiasm throughout the sessions were commendable, reflecting the success of the training.

Impact

The workshop was highly effective and well-received by the participants. It provided them with a comprehensive understanding of bird identification and monitoring, as well as the tools and knowledge necessary for contributing to avian data collection and citizen science efforts.

Conclusion

The collaborative effort between the Department of Zoology and the Nature Club, along with the expertise of Mr. Hari Mavelikara, created an inspiring and educational experience for the students. The workshop not only enriched the participants' knowledge of avian diversity and bird monitoring but also empowered them to actively engage in citizen science, thereby contributing to environmental conservation.

DEPARTMENT OF ZOOLOGY AND NATURE CLUB
IN ASSOCIATION WITH
BASELIUS COLLEGE, KOTTAYAM
(NATURE CLUB CERTIFIED WITHAL - GREEN)

Training on Bird Monitoring & Data Collection

- Session 1 - 10.30 am
Feathered Friends of our Ecosystem
(Bird Watching and Avian Diversity)
- Session 2 - 1.30 pm
Bird monitoring and Citizen Science
(IGBBC & CBC, E-bird, Avian Data Collection)
- 3.30 pm - Field Visit

13 February 2024 **D3 Zoology Class**

Resource Person:
Mr. Hari Mavelikara
Bird Watcher and Environmental Activist,
Co-ordinator of Pathanamthitta Birders
E-bird Data Reviewer

Principal: Prof. Dr. Biju Thomas Head of the Department: Dr. Rajitha V. Nature Club Convener: Ms. Uma Sureshbab



Sl. No.	Name	Class	DN	AN
1	Abhinav S. Kulkarni	1st Sem		
2	Aarav Mehta			
3	Aarav Mehta			
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Extension and Outreach Programme Organised-

Report on International Tiger Day Extension Activity

In observance of International Tiger Day, the Nature Club and the Department of Zoology organized an extension activity aimed at higher secondary students across Kerala. The **primary event was a poster designing competition** themed "Preserving the Roar: Combating Poaching for a Thriving Tiger Population." This initiative sought to raise awareness about tiger conservation and the threats they face, particularly in the Western Ghats.

Objectives

The primary objectives of the competition were to:

1. Raise awareness about the importance of tiger conservation.
2. Educate students on the threats posed to tiger populations, especially poaching.
3. Encourage creative expression and research among students on the topic of tiger preservation.

Participation and Submission Process

To facilitate participation, a Google form was circulated to schools along with a detailed brochure. Students were invited to submit their digital or hand-painted posters via the Google form. The competition drew a total of 36 participants from various schools across Kerala.

Evaluation Criteria

The posters were evaluated based on:

- Authenticity of the creation.
- Creativity and the inclusion of relevant quotes.

- Overall representation of the theme "Preserving the Roar: Combating Poaching for a Thriving Tiger Population."

Results

The competition successfully highlighted the significance of tigers in our forests and the pressing issues they face. By engaging in the competition, students conducted research and reflected deeply on tiger conservation, gaining valuable insights.

The winners of the competition were:

- First Place: Asrithamol P.M from JJMMHSS, Yendayar, Plus One, Poovankal, Wembley, Idukki.
- Second Place: Sethuparvathy K.J from Baker Memorial GHSS, Kottayam.

List of Participants

1. Jain Thomas
2. Muhammed Althaf M L
3. Pavithra Vinod
4. Manasa Manav
5. Pooja
6. Shradha Ratheesh
7. Anjana
8. Devanandhan A A
9. Azor Jack
10. Sethuparvathy K J
11. Aiswarya Lakshmi S
12. Aswin T S

13. Ferga Fulton
14. Suryamol Santhosh
15. Arjun T J
16. Sreehari Jayachandran
17. Annsa Anna Sunil
18. Giby Mathew
19. Reghunath K T
20. Parvathy
21. Roshan Madhav
22. Jyothi Lekshmi
23. Adalia
24. Thankaraj
25. Asrithamol P M
26. Alphy
27. Sindhu Pradeep
28. Soumya Shaji
29. Surya Suresh
30. Ambily Umesh
31. Leji
32. Usha Madhu
33. Alice Suresh
34. Anu S
35. Akshaya
36. Surya T

Impact

The competition effectively met its objectives by engaging students in a meaningful and creative exploration of tiger conservation. Through their participation, students developed a greater understanding of the critical role tigers play in our ecosystems and the urgent need to protect them from threats like poaching. This activity not only fostered a deeper appreciation for wildlife but also encouraged proactive thinking and research on environmental issues.

Conclusion

The collaborative effort between the Nature Club and the Department of Zoology on International Tiger Day successfully raised awareness about tiger conservation among higher secondary students in Kerala. The poster competition provided a platform for students to express their creativity while learning about the importance of preserving tigers and combating poaching. This initiative demonstrated the power of education and engagement in fostering a commitment to environmental conservation.



DEPARTMENT OF ZOOLOGY

AND NATURE CLUB

IN ASSOCIATION WITH IQAC

BASELIUS COLLEGE, KOTTAYAM

(NAAC RE-ACCREDITED WITH A++ GRADE)



29 July
2023

INTERNATIONAL TIGER DAY

POSTER DESIGNING COMPETITION

Theme: "Preserving the Roar: Combating Poaching for a Thriving Tiger Population"

GUIDELINES

- For higher secondary students in any stream
- Only one entry from a student is allowed
- Quotes should be included
- Digital posters are also allowed
- Quotes can't be plagiarized
- Posters should be uploaded on the google form link provided
<https://forms.gle/pw7b2xA3NnV8KQaV7>
- Last date of submission : 6th August 2023

First Prize : Rs.500

Second Prize : Rs.300



